

#50360  
18PATENT  
37310-000182

## IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: AWATER et al.

Appl. No.: 09/848,882      Group: Not Yet Assigned

Filed: May 4, 2001      Examiner: Not yet Assigned

For: DECODING TECHNIQUES FOR MULTI-ANTENNA  
SYSTEMS

Patent No.:

Issued:

REVOCATION OF POWER OF ATTORNEY, SUBSTITUTE POWER  
OF ATTORNEY, AND CHANGE IN CORRESPONDENCE ADDRESS

Commissioner for Patents  
Washington, DC 20231

Sir:

The Assignee of the above-identified patent application or issued patent, Agere Systems Inc. having a business office at 600 Mountain Ave., Murray Hill, NJ, 07974, as evidenced by a copy of the Assignment filed on May 4, 2001 (a copy of which is attached hereto) hereby revokes any and all previous powers of attorney for the above-identified patent application or issued patent, and hereby appoints:

Richard J. Botos	(Reg. No. 32016)	Thomas A. Auchterlonic	(Reg. No. 37,275)
Anthony Grillo	(Reg. No. 36535)	John A. Castellano	(Reg. No. 35,094)
Mark A. Kurisko	(Reg. No. 38944)	Terry L. Clark	(Reg. No. 32,644)
Scott W. McLellan	(Reg. No. 30776)	Donald J. Daley	(Reg. No. 34,313)
Scott J. Rittman	(Reg. No. 39010)	Gary D. Yacura	(Reg. No. 35,416)
Fred M. Romano	(Reg. No. 32752)		
David L. Smith	(Reg. No. 30592)		
John P. Veschi	(Reg. No. 39058)		

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APPL. NO. 09/848,882

of Agere Systems Inc. and the firm of Harness, Dickey & Pierce, P.L.C. as the attorneys of the Assignee to receive all correspondence relating to the above-identified application or patent and to transact all business in the United States Patent and Trademark Office connected therewith, with full power of substitution and revocation, and the Assignee ratifies any act done by the Assignee's attorneys in respect of this patent. The new correspondence address is:

HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 8910  
Reston, VA 20195

The undersigned (whose title is supplied below) is empowered to sign this Revocation and Substitute Power of Attorney on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

11/12/01

Date



Signature

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Mark A. Kurisko

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Counsel for Agere Systems Inc.

## ASSIGNMENT AND AGREEMENT

For value received, we, Geert Arnout Awater, of Utrecht and the Country of Netherlands, and D.J. Richard Van Nee, of De Meern and the Country of Netherlands, hereby sell, assign and transfer to Agere Systems Guardian Corp., a corporation of the State of Delaware, having an office at 9333 S. John Young Parkway, Room 301E1211, Orlando, FL 32819, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Decoding Techniques For Multi-Antenna Systems** described in an application for Letters Patent of the United States, Serial No. 09/848882, filed May 4, 2001, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Agere Systems Guardian Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Agere Systems Guardian Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Guardian Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Agere Systems Guardian Corp. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Guardian Corp. may designate.

We agree that, when requested, we shall, without charge to Agere Systems Guardian Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

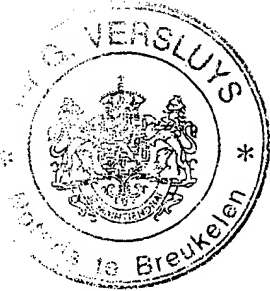
Geert Arnout Awater  
Geert Arnout Awater

Date: October 8, 2001

Awater

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally came Geert Arnout Awater to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public



Seen for legalization of the signature of  
Mr Geert Arnout Awater, living at Utrecht,  
The Netherlands, bearer of a Dutch passport  
with number M13254805.  
Breukelen, October 9, 2001

[Signature]

D. J. Richard van Nee  
D. J. Richard Van Nee

Date: October 8, 2001

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally came D. J. Richard Van Nee to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

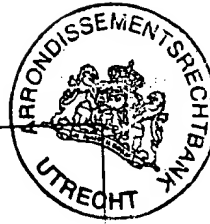
\_\_\_\_\_  
Notary Public



Seen for legalization of the signature of  
Mr Didier Johannes Richard van Nee. living  
at De Meern. The Netherlands. bearer of a  
Dutch passport with number N75416321.  
Breukelen. October 9. 2001.

[Signature]

Agere Systems Guardian Corp.  
9333 S. John Young Parkway  
Room 301E1211  
Orlando, Florida 32819



# APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: The Netherlands  
This public document
2. has been signed by  
Mr. G. Versluys
3. acting in the capacity of:  
Notary
4. bears the seal or stamp of:  
Mr. G. VERSLUYS Notaris te Breukelen

Authenticated

5. at UTRECHT
6. on October 10, 2001
7. by the clerk of the District Court  
of Utrecht

10. Signature

8. no. 01/1021

9. Stamp

M. Hewitt



**COMMISSIONER OF PATENTS AND TRADEMARKS, BOX ASSIGNMENT**

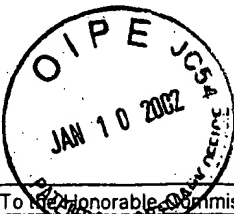
**Inventor-Case No.** G.A. AWATER 6-14 ALC/MAK

**SERIALNO:** 09/848,882 **FILED:** 5/4/01

Stamp of the U.S. Patent and Trademark Office acknowledging receipt is requested.

**RECORDATION SHEET TRANSMITTAL  
ASSIGNMENT**

**PT 22 Papers mailed to Commissioner of Patents and Trademarks**



## RECORDATION FORM COVER SHEET PATENTS ONLY

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#3

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b>  Geert Arnout Awater D.J. Richard Van Nee  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies):</b>  Name: <b>Agere Systems Guardian Corp.</b> Internal Address: <u>Room 301E1211</u>  Street Address: <b>9333 S. John Young Parkway</b> City: <b>Orlando</b> State: <b>FL</b> Zip: <b>32819</b>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is A. Patent Application No.(s) <u>09/848882</u> filed <u>May 4, 2001</u> B. Patent No. (s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Name: <u>Docket Administrator</u> <u>Agere Systems Inc.</u> Internal Address: Street Address: <u>P.O. Box 614</u> City: <u>Berkeley Heights,</u> State: <u>New Jersey,</u> Zip: <u>07922-0614</u>		<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 3.41) \$</b> <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  <b>8. Deposit account number:</b> <u>50-1735</u>  (Attach duplicate copy of this page if paying by deposit account)	

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<b>9. Statement and signature.</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>		
<u>Mark A. Kurisko</u> Name of Person Signing	<u>[Signature]</u> Signature	<u>10/23/01</u> Date
Case Name <u>Awater 6-14</u>		
Total number of pages including cover sheet, attachments, and document: <u>4</u>		

Mail documents to be recorded with required cover sheet information to:  
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